

# SEQUENCE LISTING

<110> KYOWA HAKKO KOGYO CO., LTD.

<120> Beta 1,3-galactosyltransferase and DNA encoding the same

<130> 11328

<150> JP 2001-392

<151> 2001-1-5

<160> 8

<170> Patent In Ver. 2.0

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Phe Leu Thr Glu Tyr Ser Val Val Asp Asn Arg Ile Lys Ile Leu Leu  
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Arg Ile Gln Thr Phe Glu Gly Tyr Ser Val Ile Thr Tyr Ser Met Lys	
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Phe Tyr Lys Tyr Ser His Leu Ile Ala Lys Arg Phe Leu Asp Ile Met	
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Pro Thr Val Asp Glu Tyr Glu Lys Tyr Asn Ser Thr Gln Lys Arg Arg			
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Met Lys Ile Cys Leu Val Gly Ser Ser Gly Gly His Leu Ala			
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Val Thr Phe Asp Lys Glu Asp Ala Arg Ser Ile Leu Arg Glu Glu Ile			
425	430	435	
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Val Tyr His Cys Phe Phe Pro Thr Asn Arg Asn Val Lys Asn Leu Val	
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Val Ile Ile Ser Ser Gly Ala Ala Val Ala Val Pro Phe Phe Tyr Ile	
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Lys Phe Ile Val Gln Trp Glu Glu Met Lys Lys Val Tyr Pro Lys Ala	
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His Glu Gln Gln Phe Asn Arg Leu Ile Lys Glu Val Asp Arg Leu Lys	
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Gly Thr Gly Ala Ile Asp Gln Glu Val Phe Ile Gln Thr Gly Tyr Ser	
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Asp Phe Glu Pro Gln Asn Cys Gln Trp Ser Lys Phe Leu Ser Tyr Asp	
585 590 595	
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Asp Met Asn Ser Tyr Met Lys Glu Ala Glu Ile Val Ile Thr His Gly	
600 605 610	
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Gly Pro Ala Thr Phe Met Asn Ala Val Ser Lys Gly Lys Lys Thr Ile	
615 620 625	





Ala Ile Ile Leu Phe Cys Leu Gly Phe Leu Tyr Tyr Tyr Ala Ile Tyr  
 795 800 805 810  
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Lys Ile Ser Lys Gly Glu Tyr Ile Phe Arg Met Asp Ala Asp Asp Ile			
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Ser Tyr Pro Ser Arg Phe Asp Lys Gln Ile Arg Phe Met Glu Glu Asn			
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